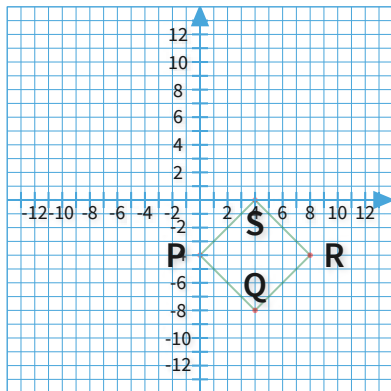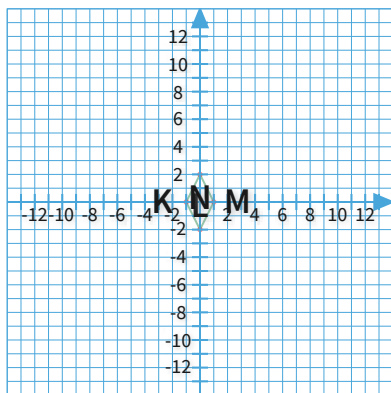**#1**

Graph the image of kite PQRS after a dilation with scale factor of $\frac{1}{4}$, centered at the origin.

Show your work
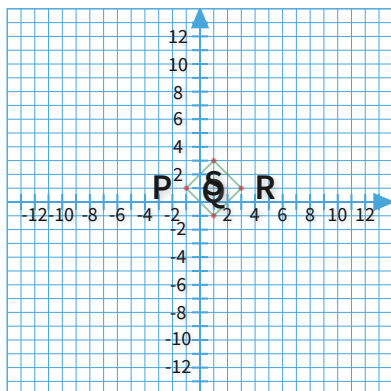
#2

Graph the image of kite KLMN after a dilation with scale factor of 5, centered at the origin.
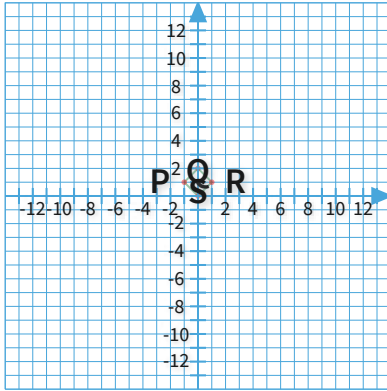

Show your work

#3

Graph the image of kite PQRS after a dilation with scale factor of 2, centered at the origin.
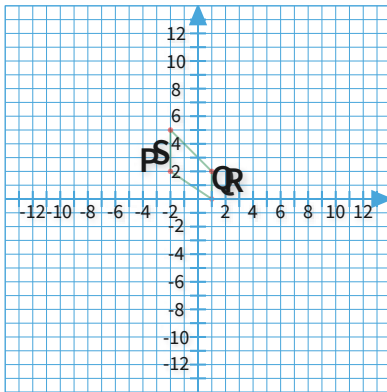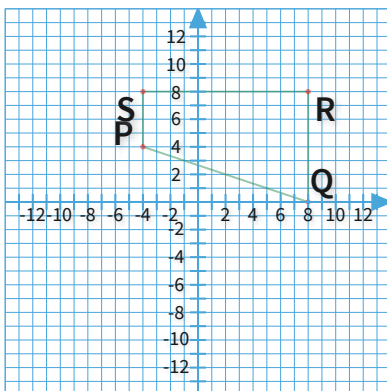

Show your work

#4

Graph the image of kite PQRS after a dilation with scale factor of 5, centered at the origin.

Show your work

#5

Graph the image of trapezoid PQRS after a dilation with scale factor of 2, centered at the origin.

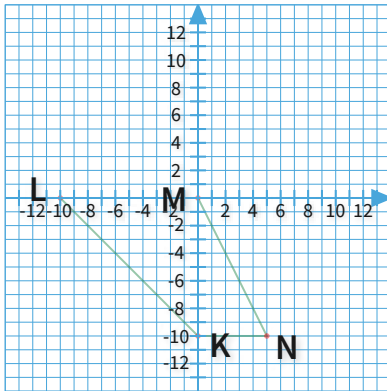*Show your work*

#6

Graph the image of trapezoid PQRS after a dilation with scale factor of $\frac{1}{4}$, centered at the origin.
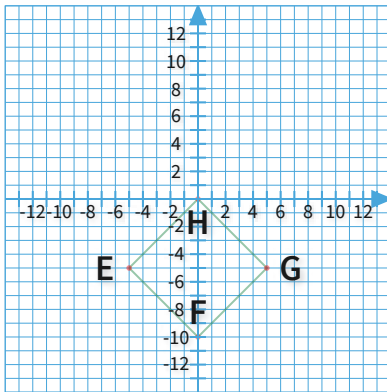

Show your work

#7

Graph the image of trapezoid KLMN after a dilation with scale factor of $\frac{1}{5}$, centered at the origin.
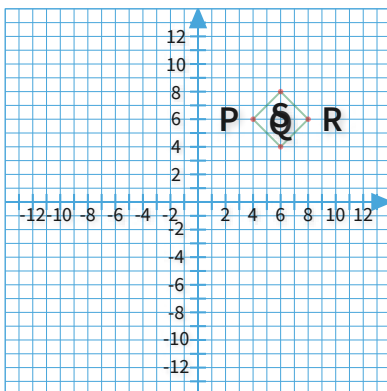

Show your work

#8

Graph the image of kite EFGH after a dilation with scale factor of $\frac{1}{5}$, centered at the origin.

Show your work

#9

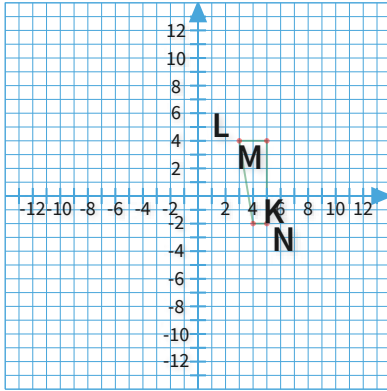Graph the image of kite PQRS after a dilation with scale factor of $\frac{1}{2}$, centered at the origin.
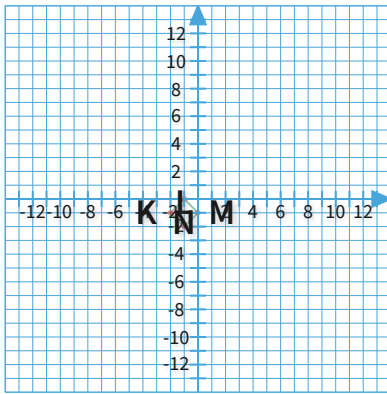

Show your work

Math Games

#10

Graph the image of trapezoid KLMN after a dilation with scale factor of 2, centered at the origin.
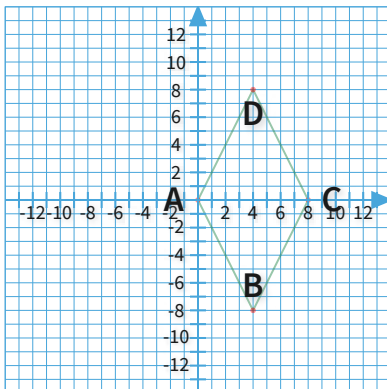

Show your work

#11

Graph the image of kite KLMN after a dilation with scale factor of 5, centered at the origin.

Show your work

#12

Graph the image of kite ABCD after a dilation with scale factor of $\frac{1}{4}$, centered at the origin.

Show your work

Get more worksheets at http://www.mathgames.com/worksheets
Play online at http://www.mathgames.com/skill/8.83

CC.8.83

Question	Answer
#1	0,-1,1,-2,2,-1,1,0
#2	-5,0,0,-10,5,0,0,10
#3	-2,2,2,-2,6,2,2,6
#4	-5,5,0,0,5,5,0,10
#5	-4,4,2,0,2,4,-4,10
#6	-1,1,2,0,2,2,-1,2
#7	0,-2,-2,0,0,0,1,-2
#8	-1,-1,0,-2,1,-1,0,0
#9	2,3,3,2,4,3,3,4
#10	8,-4,6,8,10,8,10,-4
#11	-10,-5,-5,-10,0,-5,-5,0
#12	0,0,1,-2,2,0,1,2